

**ABSTRACT**

[0026] A voltage amplifier is provided. The voltage amplifier includes an amplifier stage to amplify an input signal. A bias current generator supplies a bias current to the amplifier stage. The bias current generator is controllable in response to a frame rate signal that is representative of a video frame rate. A compensation network stabilizes a loop response of the voltage amplifier. The compensation network is controllable in response to the frame rate signal.

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